

# MMWR<sup>TM</sup>

MORBIDITY AND MORTALITY  
WEEKLY REPORT

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## Fatal Illnesses Associated With a New World Arenavirus — California, 1999–2000

The California Department of Health Services (CDHS) and the University of Texas Medical Branch (UTMB) recently identified evidence of infection with an arenavirus in three patients hospitalized with similar fatal illnesses. This report summarizes the investigation of these cases.

Patients had onset of illness during June 1999–May 2000. They were aged 14, 30, and 52 years; all were female. Two resided in southern California and the third in the San Francisco Bay area. The patients did not have any activities in common, and none had a history of travel outside California during the 4 weeks preceding their illness.

Illnesses were associated with nonspecific febrile symptoms including fever, headache, and myalgias. Within the first week of hospitalization, lymphopenia (25–700 per mm<sup>3</sup>) was observed in all three patients, and thrombocytopenia (30,000–40,000 per mm<sup>3</sup>) was seen in two. All three patients had acute respiratory distress syndrome and two developed liver failure and hemorrhagic manifestations. All patients died 1–8 weeks after illness onset.

Arenavirus-specific RNA was detected in one or more materials from each patient using a nested RT-PCR assay. In addition, infectious arenavirus was recovered from materials from the 14-year-old patient by cultivation of the virus in monolayer cultures of Vero E6 cells; virus isolation attempts on materials from the 30-year-old patient are under way. The nucleotide sequence of the PCR products amplified from the patients essentially were identical and shared 87% identity with the Whitewater Arroyo (WWA) virus prototype strain (an arenavirus recovered from a *Neotoma albigenula* [white-throated woodrat] from New Mexico in the early 1990s). Serologic assays (indirect fluorescent antibody assay and IgG enzyme immunoassay) for arenavirus antibody were negative for all three patients.

Family members of the three patients were interviewed about activities and potential exposure sites during the month before illness onset. One patient reportedly cleaned rodent droppings in her home during the 2 weeks before illness onset; no history of rodent contact was solicited for the other two patients.

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**Editorial Note:** Arenaviruses are rodentborne enveloped RNA viruses. Several arenaviruses cause viral hemorrhagic fever syndromes in Africa and South America. The Old World arenaviruses include the agents of Lassa fever and lymphocytic choriomeningitis (LCM). LCM virus, associated with the house mouse (*Mus musculus*), is the only Old World arenavirus that occurs in the Americas. The South American hemorrhagic fever viruses belong to the Tacaribe complex or New World arenaviruses (e.g., Guanarito, Junin, Machupo, and Sabia).

WWA is found in North America among woodrats (*Neotoma* spp.) (1,2) and has not previously been known to cause disease in humans. Of 20 *Neotoma* spp. with species status, nine occur in the United States (3). The geographic range of these species incorporates most of the United States. At least five of the nine U.S. species may harbor the virus; however, complete description of its distribution requires further study (1,2). The abundance and habits of woodrats suggest that potential contact between *Neotoma* spp. and humans is limited.

Preventive measures for arenavirus infections include control and exclusion of rodents in and around human dwellings. Direct contact with rodents, their excreta, and nesting materials should be avoided. Areas and surfaces potentially contaminated by rodent excreta should be wet with a disinfectant before removal. Rodent carcasses and materials should be double-bagged before disposal. Although rare, person-to-person transmission has been documented for some New World viruses; nosocomial transmission can occur through direct contact with an infected patient's blood, urine, or pharyngeal secretions (4,5). Standard precautions should be used during treatment of patients with suspected arenavirus infection and standard precautions plus contact/droplet/aerosol-specific precautions should be used for patients with severe clinical manifestations (6,7).

CDHS and UTMB, in cooperation with CDC and other agencies, are continuing to investigate these three cases. A determination of the spectrum of illness with WWA will require increased clinical surveillance and community studies to define a precise disease-to-infection ratio and case fatality.

Appropriate laboratory diagnostic tests are being developed to support these efforts. In clinical specimens, the virus is either present in low concentrations or is difficult to isolate with methods commonly used for other arenaviruses. Efforts are under way to evaluate whether specific detection of virus antigens in blood or tissues, presence of specific IgM in the serum of patients, or postmortem diagnostic tests (e.g., immunohistochemistry) can be added to virus isolation and RT-PCR for laboratory diagnosis of infection with this virus. Suspected cases should be reported to local and state health departments or to CDC's Special Pathogens Branch, Division of Viral and Rickettsial Diseases, National Center for Infectious Diseases, telephone (404)639-1510.

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**State-Specific Prevalence of Disability Among Adults —  
11 States and the District of Columbia, 1998**

Disability is a large public health problem in the United States (1), affecting an estimated 54 million persons who report disabling conditions (2). One of the national health goals for 2010 is to eliminate health disparities among different segments of the population, including among persons with disabilities (3). Although the development and implementation of public health policy and services relating to disability would be aided by public health surveillance (4), the lack of a brief case definition of disability limits efforts to obtain state-level prevalence to define the magnitude of disability. To assess state-level prevalence based on uniform criteria, CDC analyzed data from the Disability Module of the 1998 Behavioral Risk Factor Surveillance System (BRFSS). This report summarizes the results of the analyses, which indicated an overall prevalence consistent with national surveys and demonstrated wide variation in disability prevalence in states.

BRFSS is a random-digit-dialed telephone survey of the noninstitutionalized U.S. population aged ≥18 years. The 1998 BRFSS Disability Module collected information on disability from 36,842 survey respondents (by sex and age group) in 11 states (Alabama, Arkansas, Iowa, Kansas, Massachusetts, Missouri, New Mexico, New York, North Carolina, Rhode Island, and South Carolina) and the District of Columbia (DC). Data from four states (Colorado, Oregon, Texas, and Washington) that also collected these data were not comparable and were excluded from analysis. Persons who had a disability were defined based on a qualifying response to either one of two questions: "Are you limited in any way in any activities because of an impairment or health problem?" or "If you use special equipment or help from others to get around, what type do you use?" Responses to type of assistance included wheelchair, walker, cane, or another person. Responses of "don't know" and "not sure" were coded as missing values; persons for whom responses to both questions were missing were excluded from the analyses. Sample estimates were weighted for age, sex, and race to represent the civilian population of each state, and SUDAAN was used to account for the multistage, stratified sampling of this survey. Response rates calculated using the CASRO method (5) ranged from 49.8% in Massachusetts to 65.1% in New Mexico (overall national median response rate: 59.2%). The total sample size of 36,842 respondents resulted in a weighted population of 39,247,649 persons.

During 1998, the age-adjusted prevalence of disability ranged from 13.6% (DC) to 21.8% (Alabama) (median: 17.1%) (Table 1). Prevalence of disability was higher among women than among men (18.4% versus 15.7%). Among women, the prevalence ranged from 14.5% (Massachusetts) to 24.4% (Alabama); among men, the prevalence ranged from 10.4% (DC) to 20.3% (Arkansas). Among respondents aged 18–44 years, the prevalence of disability ranged from 6.3% (DC) to 12.8% (New Mexico), and the overall prevalence was 9.7%. The prevalence among respondents aged 45–64 years was 22.1%,

*Disability — Continued*

**TABLE 1. Prevalence of disability, by state, sex, and age group — 11 states and District of Columbia, Behavioral Risk Factor Surveillance System, 1998**

| State                | Sex          |             | Age group (yrs) |             |             |             |              |             | Overall      |             |              |             |
|----------------------|--------------|-------------|-----------------|-------------|-------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|
|                      | Men          |             | Women           |             | 18-44       |             | 45-64        |             | >65          |             | Rate         |             |
|                      | Rate         | 95% CI*     | Rate            | 95% CI      | Rate        | 95% CI      | Rate         | 95% CI      | Rate         | 95% CI      | Rate         | 95% CI      |
| Alabama              | 18.8%        | ±3.0        | 24.4%           | ±2.4        | 10.1%       | ±2.2        | 31.2%        | ±3.9        | 40.4%        | ±4.8        | 21.8%        | ±1.9        |
| Arkansas             | 20.3%        | ±2.6        | 20.8%           | ±2.2        | 8.6%        | ±1.9        | 28.0%        | ±3.2        | 39.4%        | ±4.4        | 20.6%        | ±1.7        |
| District of Columbia | 10.4%        | ±3.9        | 16.2%           | ±2.7        | 6.3%        | ±2.0        | 18.9%        | ±5.8        | 29.9%        | ±6.2        | 13.6%        | ±2.3        |
| Iowa                 | 18.1%        | ±2.4        | 22.7%           | ±2.1        | 11.2%       | ±1.8        | 23.8%        | ±3.0        | 38.5%        | ±4.0        | 20.5%        | ±1.5        |
| Kansas               | 12.5%        | ±1.8        | 16.3%           | ±1.7        | 7.1%        | ±1.3        | 17.7%        | ±2.6        | 29.8%        | ±3.3        | 14.4%        | ±1.2        |
| Massachusetts        | 13.9%        | ±2.0        | 14.5%           | ±1.8        | 7.8%        | ±1.4        | 18.7%        | ±2.9        | 26.2%        | ±3.6        | 14.2%        | ±1.3        |
| Missouri             | 17.3%        | ±2.5        | 20.0%           | ±2.0        | 10.8%       | ±1.9        | 22.5%        | ±3.1        | 34.3%        | ±4.1        | 18.7%        | ±1.6        |
| New Mexico           | 19.4%        | ±2.2        | 22.2%           | ±2.0        | 12.8%       | ±1.8        | 26.2%        | ±2.8        | 38.9%        | ±4.1        | 20.8%        | ±1.5        |
| New York             | 15.3%        | ±2.5        | 17.7%           | ±2.3        | 10.9%       | ±2.0        | 20.5%        | ±3.5        | 26.7%        | ±4.5        | 16.6%        | ±1.7        |
| North Carolina       | 14.6%        | ±3.2        | 17.5%           | ±2.3        | 7.4%        | ±2.0        | 23.3%        | ±4.4        | 31.2%        | ±4.8        | 16.1%        | ±1.9        |
| Rhode Island         | 14.7%        | ±2.1        | 15.6%           | ±1.7        | 9.5%        | ±1.5        | 16.6%        | ±2.6        | 27.8%        | ±3.7        | 15.2%        | ±1.3        |
| South Carolina       | 13.9%        | ±2.1        | 16.1%           | ±1.9        | 9.2%        | ±1.7        | 19.4%        | ±2.7        | 26.6%        | ±4.0        | 15.1%        | ±1.4        |
| <b>Total</b>         | <b>15.7%</b> | <b>±1.0</b> | <b>18.4%</b>    | <b>±0.9</b> | <b>9.7%</b> | <b>±0.8</b> | <b>22.1%</b> | <b>±1.4</b> | <b>30.8%</b> | <b>±1.8</b> | <b>17.1%</b> | <b>±0.7</b> |

\*Confidence interval.

*Disability — Continued*

ranging from 16.6% (Rhode Island) to 31.2% (Alabama). Prevalence of disability was highest among respondents aged  $\geq 65$  years (30.8%), ranging from 26.2% (Massachusetts) to 40.4% (Alabama).

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**Editorial Note:** This is the first report of state-level data generated from the BRFSS Disability Module in 11 participating states and DC. Surveys of national estimates of disability range from 15% in the National Health Interview Survey (6) to 20% in the Survey of Income and Program Participation (2). Activity limitation and use of assistive devices are generally accepted indicators of disability in surveys (2,6,7); however, it is not known whether these questions are valid measures of disability. Further analyses are needed to determine the validity of the specific questions in this report. In addition, analyses are needed to explain the variability of disability prevalence among states and to explain the health disparities between persons with and without disabilities and the risk factors for disability within states. Information about risk factors leading to disability may be available from the core module of BRFSS and from particular modules addressing other health concerns.

The findings of this analysis are subject to at least seven limitations. First, because BRFSS does not sample persons aged  $< 18$  years or institutionalized persons, the findings might underestimate the true prevalence of disability in the United States. Second, the sample size for specific racial/ethnic groups is too small to make reliable generalizations about those populations. Third, BRFSS excludes persons without telephones. Fourth, the survey represents undocumented self-reported data; self-reported indicators of activity limitation and compensatory strategies have not been validated as measures of disability. Fifth, the case definition questions used in this analysis do not account for severity or duration of disability. Sixth, persons not included were those who are hearing impaired; have cognitive, speech, and other communication impairments; have limited physical stamina; or could not get to the telephone. Finally, the low response rate could affect the validity of the findings.

The proportion of children and working-aged adults with disabilities is increasing (7); in comparison, the disability rate among older persons is declining each year. However, because the older population is increasing rapidly, the number of older persons with disabilities is increasing (8,9). Disability rates vary by age, sex, and race/ethnicity in national surveys, and surveillance data are needed to guide state-specific activities to meet the 2010 national health objectives. Various definitions of disability are mandated by approximately 50 federal acts and programs (10), and use of these multiple definitions result in varying prevalence estimates. Questions in surveys such as BRFSS should permit uniform surveillance and public health research at the state and national levels.

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**Update: West Nile Virus Activity — Northeastern United States, January-August 7, 2000**

Surveillance programs initiated in response to the 1999 West Nile virus (WNV) outbreak have detected increased transmission in the northeastern United States (1). Seventeen states along the Atlantic and gulf coasts, New York City (NYC), and Washington, D.C., have conducted WNV surveillance and are reporting to CDC (1). Surveillance for WNV infection includes monitoring of mosquitoes, sentinel chicken flocks, wild birds, and potentially susceptible mammals (e.g., horses and humans) (2). This report summarizes findings of this surveillance system through August 7, 2000.

Avian morbidity and mortality surveillance has identified 188 WNV-infected birds from 34 counties in four northeastern states; 111 (59%) have been reported since August 1. These include 128 birds from New York (Albany, Broome, Columbia, Dutchess, Erie, Franklin, Nassau, New York, Niagara, Onondaga, Orange, Putnam, Queens, Rensselaer, Richmond, Rockland, Schenectady, Suffolk, Ulster, Warren, Washington, and Westchester counties), 54 from New Jersey (Bergen, Essex, Hudson, Middlesex, Monmouth, Passaic, and Union counties), four from Massachusetts (Middlesex, Norfolk, and Suffolk counties), and two from Connecticut (Fairfield and Tolland counties). Infected species reported include 147 American crows (78%) and 23 blue jays (12%). Infections also have been reported in the red-tailed hawk, fish crow, house sparrow, American robin, merlin, song sparrow, Canada goose, great blue heron, northern mockingbird, eastern bluebird, cockatiel, mute swan, and yellow-rumped warbler. WNV has not been reported in sentinel chickens.

*West Nile Virus Activity — Continued*

WNV also has been detected by reverse-transcriptase polymerase chain reaction and/or virus isolation in 38 mosquito pools collected in New York (New York, Orange, Richmond, Rockland, Suffolk, and Westchester counties) and one from Connecticut (Fairfield County). Thirty-five of the WNV-positive mosquito pools from New York were *Culex pipiens/restuans*, two were *Aedes japonicus*, and one was *C. pipiens*. The positive pool from Connecticut was *C. restuans*.

On August 4, 2000, the New York City Department of Health (NYCDOH) reported that a person aged 78 years from south Richmond County, hospitalized with viral encephalitis, tested positive for WNV. Cerebrospinal fluid and serum samples were positive for IgM antibody by enzyme-linked immunosorbent assay. Confirmatory testing by plaque reduction neutralization for IgG antibody from convalescent serum is pending. The patient's symptoms began on July 20, indicating that infection had started 3 to 15 days earlier (3); therefore, the infection occurred before the initial mosquito adulticide spraying in Richmond County on July 19 and 20. The patient resides in an area where WNV-infected mosquitoes and birds have been found during 2000; no WNV activity was detected in this part of the city in 1999. The patient had not traveled for more than 50 years to areas where other flaviviruses had been endemic and had not left New York during the incubation period.

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**Editorial Note:** These data suggest an expanding zone of epizootic transmission in four northeastern states with viral activity most intense in the NYC area. The finding of WNV-positive birds in upstate New York and in Massachusetts indicates transmission foci that had not been identified during the 1999 outbreak. American crows typically do not travel long distances during the early summer, and some are permanent, nonmigratory residents of an area (4). WNV-infected mosquitoes also have been identified in areas where WNV-positive crows have been found. These facts suggest that WNV-infected crows signify local epizootic transmission; therefore, the presence of WNV-infected crows over a wide geographic area indicates that epizootic transmission is widespread in the northeast and that a potential risk for human infection exists in a wider area in 2000 compared with 1999.

In temperate regions, human WNV infections usually occur in late summer and early fall, a finding consistent with the peak incidence in mid-August during the 1999 outbreak (5). A serosurvey conducted after the 1999 outbreak in Queens indicated that most human infections were asymptomatic; <1% of persons developed severe neurologic disease, most frequently the elderly. Health-care providers, especially in the northeastern United States, should consider WNV as the etiology of disease for persons with signs

*West Nile Virus Activity — Continued*

or symptoms suggesting viral encephalitis (all ages, especially if associated with muscle weakness) or meningitis (especially in persons aged >17 years). Laboratory diagnosis that is based on serum IgM test results should be interpreted in the context of the clinical and epidemiologic findings. In areas where WNV activity occurred in 1999, health-care providers should ensure that IgM reactivity in human serum samples represents recent infection as opposed to persistent antibody from last year. NYCDOH, in collaboration with CDC, has been following the WNV cases diagnosed in 1999 for both long-term clinical sequelae and persistence of antibody. Among the 22 persons participating, approximately 55% had detectable serum IgM antibody 6 months after illness onset. These results indicate that laboratory confirmation by serologic testing of suspected WNV cases occurring in 2000 in regions where epidemic WNV transmission occurred in 1999 should include acute and convalescent serum samples to demonstrate a four-fold increase or decrease in WNV-specific neutralizing antibody. Convalescent serum specimens should be collected 14–21 days after acute serum specimens.

Evidence of intensifying epizootic transmission in NYC and surrounding counties and of epizootic transmission in distant locations suggests a need for broadening previous recommendations for prevention and control (6). The following actions may be necessary in affected or potentially affected regions:

1. Continue surveillance to define the geographic spread and intensity of WNV transmission and to assist in targeting and evaluating control efforts. The apparent high sensitivity of wild bird surveillance indicates that WNV surveillance should include an avian morbidity and mortality component. The significance of finding a WNV-positive bird in an area will depend on that species' flight range and other behavioral characteristics and the bird's age.
2. Implement or enhance public education programs that emphasize individual awareness of risk factors for WNV infection and describe risk-reduction actions, such as mosquito avoidance, personal protection (i.e., behavior modification, appropriate clothing, and use of repellents), use or repair of window screens, and residential mosquito source reduction. These measures are particularly important for the elderly, who are at increased risk for severe complications if they contract the illness. The involvement of *Aedes japonicus*, a daytime feeder, as a potential vector indicates a need for persons to be attentive to personal protective measures during outdoor activities regardless of the time of day.
3. Intensify *Culex* mosquito larval mapping and control measures to prevent the emergence of adult mosquitoes that would feed on birds and potentially contribute to viral amplification in or near populated areas.
4. Implement or continue adult mosquito control to reduce vector density in response to surveillance data that reveal one or more of the following: 1) human cases, 2) cases in equine or other mammal species, 3) continued, multiple positive surveillance events (birds or mosquito isolates), and/or 4) in densely populated urban/suburban centers in proximity to areas identified in 1, 2 and 3. In some instances, large-scale aerial applications may be needed to provide adequate coverage in affected areas. Areas with evidence of WNV activity but without the preceding criteria should implement, if necessary, the recommended focal adult mosquito control (6). Retreatment 3–4 days after initial application will be needed to appreciably reduce *Culex* populations (7–9). Surveillance should be maintained to determine whether further adulticide is required. A cooperative effort between the U.S. Geological Survey, CDC, and federal, state, and local government agencies in the 19 surveillance jurisdictions has resulted in the

*West Nile Virus Activity — Continued*

production of interactive, World-Wide Web-based maps to track the spread of WNV. These maps with data from the WNV surveillance system, updated weekly, can be viewed at the U.S. Geological Survey's National Atlas Web site at <http://www.nationalatlas.gov/virusmap.html>.\*

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*Notice to Readers***CDC Statement on Study Results of Product Containing Nonoxynol-9**

During the XIII International AIDS Conference held in Durban, South Africa, July 9–14, 2000, researchers from the Joint United Nations Program on AIDS (UNAIDS) presented results of a study of a product, COL-1492,\* which contains nonoxynol-9 (N-9) (1). N-9 products are licensed for use in the United States as spermicides and are effective in preventing pregnancy, particularly when used with a diaphragm. The study examined the use of COL-1492 as a potential candidate microbicide, or topical compound to prevent the transmission of human immunodeficiency virus (HIV) and sexually transmitted

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\* Use of trade names and commercial sources is for identification only and does not constitute endorsement by CDC or the U.S. Department of Health and Human Services.

*Notices to Readers — Continued*

diseases (STDs). The study found that N-9 did not protect against HIV infection and may have caused more transmission. The women who used N-9 gel became infected with HIV at approximately a 50% higher rate than women who used the placebo gel.

CDC has released a "Dear Colleague" letter that summarizes the findings and implications of the UNAIDS study. The letter is available on the World-Wide Web, <http://www.cdc.gov/hiv>; a hard copy is available from the National Prevention Information Network, telephone (800) 458-5231. Future consultations will be held to re-evaluate guidelines for HIV, STDs, and pregnancy prevention in populations at high risk for HIV infection. A detailed scientific report will be released on the Web when additional findings are available.

*Reference*

1. van Damme L. Advances in topical microbicides. Presented at the XIII International AIDS Conference, July 9–14, 2000, Durban, South Africa.

*Notice to Readers***Publication of Surgeon General's Report on Smoking and Health**

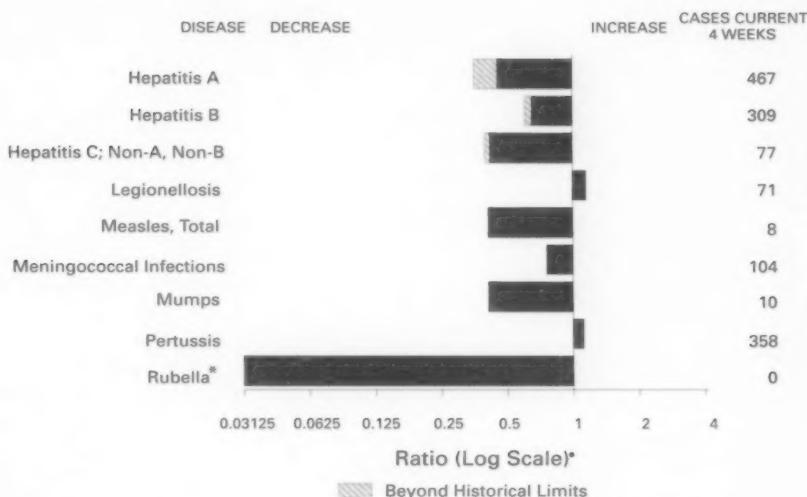
The Surgeon General's report *Reducing Tobacco Use* (1) was released on August 9, 2000. This report is the first in the series to offer a composite review of the various methods used to reduce and prevent tobacco use.

The six major conclusions of the report are:

1. Efforts to prevent the onset or continuance of tobacco use face the pervasive, countervailing influence of tobacco promotion by the tobacco industry, a promotion that takes place despite overwhelming evidence of adverse health effects from tobacco use.
2. The available approaches to reducing tobacco use—educational, clinical, regulatory, economic, and comprehensive—differ substantially in their techniques and in the metric by which success can be measured. A hierarchy of effectiveness is difficult to construct.
3. Approaches with the largest span of impact (economic, regulatory, and comprehensive) are likely to have the greatest long-term population impact. Those with a smaller span of impact (educational and clinical) are of greater importance in helping persons resist or abandon the use of tobacco.
4. Each of the modalities reviewed provides evidence of effectiveness.
  - Educational strategies, conducted in conjunction with community- and media-based activities, can postpone or prevent smoking onset in 20% to 40% of adolescents.
  - Pharmacologic treatment of nicotine addiction, combined with behavioral support, will enable 20% to 25% of users to remain abstinent at 1 year posttreatment. Even less intense measures, such as physicians advising their patients to quit smoking, can produce cessation proportions of 5% to 10%.
  - Regulation of advertising and promotion, particularly that directed at young persons, is very likely to reduce both prevalence and uptake of smoking.
  - Clean air regulations and restriction of minors' access to tobacco products contribute to a changing social norm with regard to smoking and may influence prevalence directly.

(Continued on page 727)

**FIGURE I. Selected notifiable disease reports, United States, comparison of provisional 4-week totals ending August 5, 2000, with historical data**



\*No Rubella cases were reported for the current 4-week period, yielding a ratio for week 31 of zero (0).

\*Ratio of current 4-week total to mean of 15 4-week totals (from previous, comparable, and subsequent 4-week periods for the past 5 years). The point where the hatched area begins is based on the mean and two standard deviations of these 4-week totals.

**TABLE I. Summary of provisional cases of selected notifiable diseases, United States, cumulative, week ending August 5, 2000 (31st Week)**

|   | Cum. 2000                   | Cum. 2000                                |
|---|-----------------------------|--|
| Anthrax                                   | -                           | HIV infection, pediatric**               |
| Brucellosis*                              | 35                          | Plague                                   |
| Cholera                                   | 0                           | Poliomylitis, paralytic                  |
| Congenital rubella syndrome               | 4                           | Psittacosis*                             |
| Cyclosporiasis*                           | 24                          | Rabies, human                            |
| Diphtheria                                | -                           | Rocky Mountain spotted fever (RMSF)      |
| Encephalitis:                             | California serogroup viral* | 193                                      |
|   | eastern equine*             | Streptococcal disease, invasive, group A |
|   | St. Louis*                  | Streptococcal toxic-shock syndrome*      |
|   | western equine*             | Syphilis, congenital*                    |
| Ehrlichiosis                              | human granulocytic (HGE)*   | Tetanus                                  |
|   | human monocytic (HME)*      | Toxic-shock syndrome                     |
| Hansen disease (leprosy)*                 | 98                          | Trichinosis                              |
| Hantavirus pulmonary syndrome**           | 29                          | Typhoid fever                            |
| Hemolytic uremic syndrome, postdiarrheal* | 34                          | Yellow fever                             |
|   | 17                          |  |
|   | 68                          |  |

-: No reported cases.

\*Not notifiable in all states.

\*\*Updated weekly from reports to the Division of Viral and Rickettsial Diseases, National Center for Infectious Diseases (NCID).

†Updated monthly from reports to the Division of HIV/AIDS Prevention — Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention (NCHSTP). Last update July 30, 2000.

\*Updated from reports to the Division of STD Prevention, NCHSTP.

**TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending August 5, 2000, and August 7, 1999 (31st Week)**

| Reporting Area |               |              |              |              |                   |              |              |              | <i>Escherichia coli</i> O157:H7* |              |              |              |
|----------------|---------------|--------------|--------------|--------------|-------------------|--------------|--------------|--------------|----------------------------------|--------------|--------------|--------------|
|                | AIDS          |              | Chlamydia†   |              | Cryptosporidiosis |              | NETSS        |              | PHLIS                            |              |              |              |
|                | Cum.<br>2000‡ | Cum.<br>1999 | Cum.<br>2000 | Cum.<br>1999 | Cum.<br>2000      | Cum.<br>1999 | Cum.<br>2000 | Cum.<br>1999 | Cum.<br>2000                     | Cum.<br>1999 | Cum.<br>2000 | Cum.<br>1999 |
| UNITED STATES  | 23,669        | 26,225       | 369,191      | 385,463      | 803               | 1,138        | 1,936        | 1,368        | 1,152                            | 1,359        |              |              |
| NEW ENGLAND    | 1,335         | 1,282        | 12,906       | 12,472       | 42                | 66           | 209          | 212          | 166                              | 206          |              |              |
| Maine          | 20            | 44           | 809          | 661          | 9                 | 13           | 14           | 17           | 14                               | -            |              |              |
| N.H.           | 22            | 33           | 607          | 581          | 7                 | 7            | 18           | 19           | 18                               | 22           |              |              |
| Vt.            | 11            | 6            | 318          | 283          | 14                | 13           | 22           | 19           | 17                               | 10           |              |              |
| Mass.          | 852           | 826          | 5,728        | 5,249        | 10                | 27           | 88           | 94           | 61                               | 100          |              |              |
| R.I.           | 56            | 70           | 1,419        | 1,383        | 2                 | -            | 11           | 16           | 10                               | 18           |              |              |
| Conn.          | 375           | 303          | 4,025        | 4,315        | -                 | 6            | 56           | 47           | 46                               | 56           |              |              |
| MID. ATLANTIC  | 5,487         | 6,723        | 31,524       | 40,100       | 82                | 227          | 188          | 112          | 84                               | 100          |              |              |
| Upstate N.Y.   | 572           | 846          | N            | N            | 52                | 74           | 141          | 77           | 38                               | -            |              |              |
| N.Y. City      | 2,971         | 3,589        | 12,359       | 16,894       | 7                 | 126          | 7            | 8            | 7                                | 9            |              |              |
| N.J.           | 1,116         | 1,261        | 4,633        | 7,257        | 3                 | 16           | 40           | 27           | 31                               | 86           |              |              |
| Pa.            | 828           | 1,027        | 14,532       | 15,949       | 20                | 11           | N            | N            | 8                                | 5            |              |              |
| E.N. CENTRAL   | 2,282         | 1,715        | 59,231       | 65,130       | 173               | 243          | 355          | 256          | 148                              | 251          |              |              |
| Ohio           | 360           | 267          | 14,913       | 18,019       | 29                | 26           | 76           | 94           | 44                               | 90           |              |              |
| Ind.           | 217           | 221          | 7,202        | 6,987        | 13                | 14           | 64           | 32           | 39                               | 27           |              |              |
| Ill.           | 1,295         | 781          | 14,966       | 19,201       | 7                 | 40           | 79           | 84           | -                                | 64           |              |              |
| Mich.          | 297           | 356          | 14,917       | 12,459       | 41                | 30           | 63           | 46           | 34                               | 39           |              |              |
| Wis.           | 113           | 90           | 7,233        | 8,464        | 83                | 133          | 73           | N            | 31                               | 31           |              |              |
| W.N. CENTRAL   | 575           | 603          | 20,922       | 22,294       | 100               | 76           | 345          | 261          | 199                              | 306          |              |              |
| Minn.          | 102           | 105          | 3,944        | 4,475        | 21                | 13           | 100          | 80           | 73                               | 102          |              |              |
| Iowa           | 59            | 56           | 2,622        | 2,595        | 32                | 22           | 94           | 53           | 13                               | 43           |              |              |
| Mo.            | 284           | 293          | 7,479        | 8,127        | 15                | 13           | 79           | 20           | 82                               | 34           |              |              |
| N. Dak.        | 2             | 4            | 352          | 515          | 7                 | 11           | 8            | 3            | 13                               | 11           |              |              |
| S. Dak.        | 4             | 13           | 1,062        | 912          | 9                 | 4            | 17           | 27           | 19                               | 33           |              |              |
| Nebr.          | 38            | 43           | 1,944        | 1,995        | 13                | 11           | 31           | 60           | 9                                | 79           |              |              |
| Kans.          | 85            | 89           | 3,519        | 3,675        | 3                 | 2            | 16           | 18           | 10                               | 4            |              |              |
| S. ATLANTIC    | 6,331         | 7,202        | 76,123       | 82,937       | 152               | 190          | 161          | 151          | 106                              | 114          |              |              |
| Del.           | 111           | 95           | 1,718        | 1,610        | 4                 | -            | 4            | -            | -                                | 2            |              |              |
| Md.            | 710           | 793          | 7,637        | 7,746        | 9                 | 11           | 12           | 10           | 1                                | -            |              |              |
| D.C.           | 448           | 271          | 1,930        | N            | 7                 | 6            | -            | U            | U                                |              |              |              |
| Va.            | 418           | 366          | 9,631        | 8,697        | 4                 | 10           | 33           | 37           | 31                               | 37           |              |              |
| W. Va.         | 39            | 40           | 1,177        | 1,056        | 3                 | -            | 10           | 7            | 5                                | 2            |              |              |
| N.C.           | 394           | 483          | 13,004       | 13,620       | 15                | 5            | 30           | 30           | 24                               | 39           |              |              |
| S.C.           | 509           | 674          | 7,458        | 10,859       | -                 | -            | 11           | 16           | 2                                | 13           |              |              |
| Ga.            | 704           | 1,088        | 14,556       | 20,620       | 73                | 73           | 26           | 13           | 18                               | 1            |              |              |
| Fla.           | 2,998         | 3,392        | 19,012       | 18,729       | 37                | 64           | 39           | 34           | 25                               | 20           |              |              |
| E.S. CENTRAL   | 1,128         | 1,136        | 27,307       | 26,919       | 32                | 14           | 69           | 77           | 47                               | 58           |              |              |
| Ky.            | 128           | 173          | 4,701        | 4,426        | 4                 | 4            | 23           | 19           | 18                               | 13           |              |              |
| Tenn.          | 461           | 439          | 8,441        | 8,313        | 8                 | 4            | 32           | 34           | 25                               | 26           |              |              |
| Ala.           | 304           | 285          | 8,247        | 7,015        | 10                | 4            | 5            | 16           | -                                | 16           |              |              |
| Miss.          | 235           | 239          | 5,918        | 7,165        | 10                | 2            | 9            | 8            | 4                                | 3            |              |              |
| W.S. CENTRAL   | 2,418         | 2,842        | 57,352       | 50,690       | 39                | 45           | 101          | 58           | 129                              | 66           |              |              |
| Ark.           | 112           | 107          | 2,876        | 3,464        | 5                 | -            | 36           | 7            | 30                               | 6            |              |              |
| La.            | 381           | 542          | 11,213       | 5,985        | 8                 | 20           | 4            | 9            | 27                               | 9            |              |              |
| Oklahoma       | 182           | 74           | 4,461        | 4,964        | 4                 | 3            | 9            | 14           | 7                                | 11           |              |              |
| Tex.           | 1,743         | 2,119        | 38,802       | 36,277       | 22                | 22           | 52           | 28           | 65                               | 42           |              |              |
| MOUNTAIN       | 862           | 1,014        | 22,494       | 20,576       | 47                | 51           | 213          | 108          | 118                              | 99           |              |              |
| Mont.          | 9             | 5            | 826          | 817          | 8                 | 8            | 20           | 7            | -                                | -            |              |              |
| Idaho          | 16            | 15           | 1,106        | 1,020        | 3                 | 3            | 25           | 9            | -                                | 9            |              |              |
| Wyo.           | 7             | 4            | 423          | 456          | 3                 | -            | 9            | 3            | 2                                | 6            |              |              |
| Colo.          | 199           | 196          | 6,908        | 4,673        | 14                | 5            | 88           | 40           | 56                               | 33           |              |              |
| N. Mex.        | 88            | 66           | 2,734        | 3,010        | 4                 | 21           | 9            | 5            | 6                                | 2            |              |              |
| Ariz.          | 265           | 515          | 6,891        | 7,505        | 4                 | 9            | 32           | 18           | 24                               | 12           |              |              |
| Utah           | 90            | 84           | 1,392        | 1,261        | 8                 | N            | 25           | 19           | 30                               | 26           |              |              |
| Nev.           | 188           | 130          | 2,213        | 1,834        | 3                 | 5            | 4            | 7            | -                                | 11           |              |              |
| PACIFIC        | 3,251         | 3,708        | 61,332       | 64,345       | 136               | 226          | 295          | 133          | 155                              | 157          |              |              |
| Wash.          | 301           | 213          | 7,577        | 6,971        | N                 | N            | 106          | 35           | 95                               | 64           |              |              |
| Oreg.          | 106           | 118          | 3,053        | 3,733        | 9                 | 79           | 51           | 30           | 62                               | 32           |              |              |
| Calif.         | 2,749         | 3,314        | 47,831       | 50,636       | 127               | 147          | 127          | 58           | -                                | 54           |              |              |
| Alaska         | 12            | 13           | 1,388        | 1,111        | -                 | -            | 3            | -            | 1                                | -            |              |              |
| Hawaii         | 83            | 50           | 1,483        | 1,694        | -                 | -            | 8            | 9            | 7                                | 7            |              |              |
| Guam           | 14            | 11           | -            | 268          | -                 | -            | N            | N            | U                                | U            |              |              |
| P.R.           | 710           | 823          | 743          | U            | -                 | -            | 4            | 5            | U                                | U            |              |              |
| V.I.           | 24            | 18           | -            | -            | U                 | -            | U            | -            | U                                | U            |              |              |
| Amer. Samoa    | -             | -            | -            | U            | -                 | U            | -            | U            | U                                | U            |              |              |
| C.N.M.I.       | -             | -            | -            | U            | -                 | U            | -            | U            | U                                | U            |              |              |

N: Not notifiable.

U: Unavailable.

-: No reported cases.

C.N.M.I.: Commonwealth of Northern Mariana Islands.

\* Individual cases can be reported through both the National Electronic Telecommunications System for Surveillance (NETSS) and the Public Health Laboratory Information System (PHLIS).

† Chlamydia refers to genital infections caused by *C. trachomatis*. Totals reported to the Division of STD Prevention, NCHSTP.

‡ Updated monthly from reports to the Division of HIV/AIDS Prevention — Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention. Last update July 30, 2000.

**TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States, weeks ending August 5, 2000, and August 7, 1999 (31st Week)**

| Reporting Area | Gonorrhea    |              | Hepatitis C; Non-A, Non-B |              | Legionellosis |              | Lyme Disease |              |
|----------------|--------------|--------------|---------------------------|--------------|---------------|--------------|--------------|--------------|
|                | Cum.<br>2000 | Cum.<br>1999 | Cum.<br>2000              | Cum.<br>1999 | Cum.<br>2000  | Cum.<br>1999 | Cum.<br>2000 | Cum.<br>1999 |
| UNITED STATES  | 192,707      | 204,159      | 1,732                     | 1,602        | 465           | 525          | 5,088        | 7,688        |
| NEW ENGLAND    | 3,632        | 3,791        | 28                        | 13           | 24            | 35           | 1,267        | 2,571        |
| Maine          | 47           | 33           | 1                         | 2            | 2             | 3            | -            | 15           |
| N.H.           | 66           | 64           | -                         | -            | 2             | 3            | 35           | 2            |
| Vt.            | 35           | 34           | 3                         | 5            | 3             | 8            | 6            | 5            |
| Mass.          | 1,545        | 1,469        | 20                        | 3            | 9             | 12           | 419          | 548          |
| R.I.           | 356          | 358          | 4                         | 3            | 3             | 3            | 213          | 223          |
| Conn.          | 1,583        | 1,833        | -                         | -            | 5             | 6            | 594          | 1,778        |
| MID. ATLANTIC  | 19,030       | 23,372       | 308                       | 78           | 93            | 125          | 2,908        | 3,703        |
| Upstate N.Y.   | 3,971        | 3,693        | 44                        | 38           | 37            | 32           | 1,530        | 1,625        |
| N.Y. City      | 4,917        | 7,909        | -                         | -            | -             | 16           | 6            | 102          |
| N.J.           | 3,447        | 4,407        | 244                       | -            | 7             | 11           | 578          | 942          |
| Pa.            | 6,695        | 7,363        | 20                        | 40           | 49            | 65           | 794          | 834          |
| E.N. CENTRAL   | 35,726       | 40,019       | 144                       | 571          | 124           | 161          | 167          | 446          |
| Ohio           | 9,042        | 10,611       | 5                         | 1            | 50            | 50           | 54           | 28           |
| Ind.           | 3,298        | 3,737        | 1                         | 1            | 31            | 22           | 15           | 10           |
| Ill.           | 10,097       | 13,170       | 10                        | 35           | 8             | 22           | 7            | 15           |
| Mich.          | 10,321       | 8,726        | 128                       | 518          | 22            | 39           | -            | 10           |
| Wis.           | 2,968        | 3,775        | -                         | 16           | 13            | 28           | 91           | 383          |
| W.N. CENTRAL   | 9,380        | 9,635        | 395                       | 119          | 37            | 28           | 103          | 145          |
| Minn.          | 1,604        | 1,654        | 5                         | 4            | 3             | 1            | 48           | 75           |
| Iowa           | 592          | 599          | 1                         | -            | 6             | 8            | 9            | 16           |
| Mo.            | 4,739        | 4,781        | 378                       | 113          | 22            | 13           | 32           | 36           |
| N. Dak.        | 15           | 49           | -                         | -            | -             | -            | -            | 1            |
| S. Dak.        | 165          | 95           | -                         | -            | 2             | 2            | -            | -            |
| Nebr.          | 712          | 919          | 3                         | 2            | 1             | 4            | -            | 9            |
| Kans.          | 1,553        | 1,538        | 8                         | -            | 3             | -            | 14           | 8            |
| S. ATLANTIC    | 56,719       | 60,709       | 78                        | 103          | 92            | 68           | 535          | 658          |
| Del.           | 972          | 999          | -                         | -            | 5             | 7            | 89           | 46           |
| Md.            | 5,220        | 5,757        | 11                        | 15           | 31            | 11           | 303          | 485          |
| D.C.           | 1,474        | 2,221        | 2                         | -            | -             | 1            | 2            | 3            |
| Va.            | 5,977        | 5,840        | 3                         | 10           | 14            | 16           | 78           | 53           |
| W. Va.         | 366          | 361          | 12                        | 13           | N             | N            | 18           | 14           |
| N.C.           | 10,503       | 11,850       | 13                        | 28           | 8             | 13           | 25           | 44           |
| S.C.           | 9,738        | 6,997        | 1                         | 14           | 2             | 7            | 2            | 4            |
| Ga.            | 9,212        | 13,386       | 2                         | 1            | 5             | -            | -            | -            |
| Fla.           | 13,257       | 13,298       | 34                        | 22           | 27            | 13           | 18           | 10           |
| E.S. CENTRAL   | 20,004       | 21,297       | 273                       | 183          | 17            | 31           | 20           | 50           |
| Ky.            | 2,031        | 1,947        | 22                        | 11           | 9             | 12           | 4            | 7            |
| Tenn.          | 6,658        | 6,677        | 61                        | 65           | 6             | 14           | 14           | 25           |
| Ala.           | 6,663        | 6,230        | 7                         | 1            | 2             | 3            | 2            | 15           |
| Miss.          | 4,652        | 6,443        | 183                       | 106          | -             | 2            | -            | 3            |
| W.S. CENTRAL   | 29,852       | 26,887       | 284                       | 301          | 12            | 5            | 13           | 25           |
| Ark.           | 1,552        | 1,782        | 6                         | 18           | -             | 1            | 4            | 3            |
| La.            | 7,991        | 3,773        | 175                       | 203          | 8             | 2            | 1            | 4            |
| Oklahoma       | 1,924        | 2,441        | 5                         | 13           | 2             | 2            | -            | 4            |
| Tex.           | 18,385       | 18,921       | 98                        | 67           | 2             | -            | 8            | 14           |
| MOUNTAIN       | 5,797        | 5,599        | 115                       | 113          | 25            | 29           | 9            | 10           |
| Mont.          | 26           | 22           | 2                         | 4            | 1             | -            | -            | -            |
| Idaho          | 53           | 49           | 3                         | 6            | 4             | -            | 2            | 1            |
| Wyo.           | 33           | 15           | 69                        | 34           | 1             | -            | 1            | 3            |
| Colo.          | 1,852        | 1,413        | 14                        | 18           | 8             | 8            | 3            | 1            |
| N. Mex.        | 587          | 588          | 11                        | 20           | 1             | 1            | -            | 1            |
| Ariz.          | 2,262        | 2,658        | 11                        | 21           | 6             | 4            | -            | -            |
| Utah           | 144          | 116          | -                         | 5            | 4             | 10           | 1            | 2            |
| Nev.           | 840          | 738          | 5                         | 5            | -             | 6            | 2            | 2            |
| PACIFIC        | 12,567       | 12,850       | 107                       | 121          | 41            | 43           | 66           | 80           |
| Wash.          | 1,332        | 1,209        | 18                        | 10           | 14            | 9            | 3            | 3            |
| Oreg.          | 407          | 531          | 21                        | 12           | N             | N            | 4            | 7            |
| Calif.         | 10,439       | 10,664       | 65                        | 99           | 27            | 33           | 59           | 70           |
| Alaska         | 180          | 182          | -                         | -            | -             | 1            | -            | -            |
| Hawaii         | 209          | 264          | 2                         | -            | -             | -            | N            | N            |
| Guam           | -            | 34           | -                         | 1            | -             | -            | -            | -            |
| P.R.           | 335          | 195          | 1                         | -            | -             | -            | N            | N            |
| V.I.           | -            | U            | -                         | U            | -             | U            | -            | UU           |
| Amer. Samoa    | -            | U            | -                         | U            | -             | U            | -            | UU           |
| C.N.M.I.       | -            | U            | -                         | U            | -             | U            | -            | UU           |

N: Not notifiable.

U: Unavailable.

-: No reported cases.

**TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States, weeks ending August 5, 2000, and August 7, 1999 (31st Week)**

| Reporting Area | Malaria      |              | Rabies, Animal |              | Salmonellosis* |              |              |              |
|----------------|--------------|--------------|----------------|--------------|----------------|--------------|--------------|--------------|
|                | Cum.<br>2000 | Cum.<br>1999 | Cum.<br>2000   | Cum.<br>1999 | Cum.<br>2000   | Cum.<br>1999 | Cum.<br>2000 | Cum.<br>1999 |
| UNITED STATES  | 615          | 781          | 3,271          | 3,773        | 17,868         | 20,006       | 12,809       | 18,562       |
| NEW ENGLAND    | 36           | 29           | 435            | 489          | 1,200          | 1,229        | 1,096        | 1,281        |
| Maine          | 4            | 2            | 86             | 90           | 86             | 81           | 61           | 65           |
| N.H.           | 1            | 2            | 8              | 29           | 79             | 77           | 77           | 84           |
| Vt.            | 2            | 2            | 40             | 63           | 69             | 48           | 66           | 43           |
| Mass.          | 10           | 12           | 141            | 106          | 670            | 692          | 572          | 693          |
| R.I.           | 5            | 3            | 31             | 61           | 65             | 57           | 84           | 94           |
| Conn.          | 13           | 8            | 129            | 140          | 231            | 274          | 236          | 302          |
| MID. ATLANTIC  | 110          | 209          | 616            | 697          | 2,229          | 2,717        | 1,990        | 2,704        |
| Upstate N.Y.   | 38           | 41           | 436            | 499          | 644            | 673          | 616          | 697          |
| N.Y. City      | 37           | 104          | U              | U            | 534            | 817          | 602          | 820          |
| N.J.           | 16           | 40           | 95             | 113          | 509            | 578          | 393          | 600          |
| Pa.            | 19           | 24           | 85             | 85           | 542            | 649          | 379          | 587          |
| E.N. CENTRAL   | 62           | 95           | 59             | 78           | 2,496          | 2,966        | 1,388        | 2,636        |
| Ohio           | 13           | 14           | 15             | 23           | 644            | 647          | 453          | 560          |
| Ind.           | 4            | 10           | -              | -            | 307            | 256          | 264          | 270          |
| Ill.           | 21           | 43           | 9              | 4            | 700            | 982          | 1            | 924          |
| Mich.          | 18           | 22           | 30             | 38           | 518            | 566          | 470          | 576          |
| Wis.           | 6            | 6            | 5              | 13           | 327            | 515          | 200          | 306          |
| W.N. CENTRAL   | 33           | 39           | 350            | 457          | 1,333          | 1,289        | 1,327        | 1,436        |
| Minn.          | 13           | 13           | 56             | 65           | 313            | 335          | 348          | 457          |
| Iowa           | 1            | 11           | 50             | 78           | 223            | 142          | 174          | 127          |
| Mo.            | 6            | 11           | 22             | 14           | 414            | 426          | 496          | 495          |
| N. Dak.        | 2            | -            | 68             | 88           | 34             | 20           | 49           | 41           |
| S. Dak.        | -            | -            | 59             | 131          | 56             | 63           | 60           | 82           |
| Nebr.          | 5            | -            | 1              | 3            | 90             | 115          | 44           | 102          |
| Kans.          | 6            | 4            | 73             | 78           | 203            | 188          | 156          | 132          |
| S. ATLANTIC    | 171          | 200          | 1,325          | 1,240        | 3,817          | 4,010        | 2,479        | 3,443        |
| Del.           | 3            | 1            | 20             | 30           | 61             | 66           | 62           | 91           |
| Md.            | 60           | 62           | 249            | 240          | 469            | 470          | 391          | 480          |
| D.C.           | 12           | 13           | -              | -            | 33             | 53           | U            | U            |
| Va.            | 33           | 45           | 321            | 313          | 519            | 698          | 458          | 644          |
| W. Va.         | 2            | 1            | 74             | 71           | 94             | 90           | 79           | 88           |
| N.C.           | 12           | 12           | 335            | 255          | 513            | 566          | 401          | 703          |
| S.C.           | 1            | 5            | 86             | 102          | 360            | 255          | 283          | 238          |
| Ga.            | 4            | 19           | 157            | 124          | 657            | 600          | 709          | 875          |
| Fla.           | 44           | 42           | 83             | 105          | 1,111          | 1,212        | 96           | 324          |
| E.S. CENTRAL   | 23           | 16           | 112            | 174          | 1,070          | 1,074        | 725          | 779          |
| Ky.            | 7            | 5            | 15             | 24           | 207            | 227          | 150          | 163          |
| Tenn.          | 5            | 6            | 63             | 34           | 279            | 277          | 348          | 315          |
| Ala.           | 10           | 4            | 34             | 85           | 307            | 300          | 186          | 250          |
| Miss.          | 1            | 1            | -              | -            | 277            | 270          | 41           | 50           |
| W.S. CENTRAL   | 8            | 13           | 59             | 289          | 1,386          | 1,775        | 1,944        | 1,478        |
| Ark.           | 2            | 2            | 20             | 14           | 333            | 242          | 250          | 77           |
| La.            | 2            | 9            | -              | -            | 108            | 391          | 301          | 338          |
| Okla.          | 4            | 2            | 39             | 68           | 206            | 221          | 140          | 174          |
| Tex.           | -            | -            | -              | 207          | 739            | 921          | 1,253        | 889          |
| MOUNTAIN       | 30           | 24           | 139            | 120          | 1,547          | 1,742        | 1,107        | 1,564        |
| Mont.          | 1            | 4            | 39             | 41           | 61             | 37           | -            | 1            |
| Idaho          | 2            | 1            | 5              | -            | 82             | 53           | -            | 56           |
| Wyo.           | -            | 1            | 28             | 32           | 38             | 29           | 14           | 30           |
| Colo.          | 15           | 11           | -              | 1            | 455            | 480          | 423          | 467          |
| N. Mex.        | -            | 2            | 14             | 5            | 132            | 254          | 121          | 199          |
| Ariz.          | 5            | 2            | 48             | 36           | 403            | 492          | 356          | 453          |
| Utah           | 3            | 2            | 4              | 3            | 219            | 287          | 193          | 309          |
| Nev.           | 4            | 1            | 1              | 2            | 157            | 110          | -            | 49           |
| PACIFIC        | 143          | 156          | 176            | 229          | 2,790          | 3,204        | 753          | 3,242        |
| Wash.          | 13           | 13           | -              | -            | 273            | 364          | 371          | 531          |
| Oreg.          | 26           | 15           | 4              | 1            | 186            | 293          | 241          | 324          |
| Calif.         | 101          | 117          | 151            | 221          | 2,178          | 2,278        | -            | 2,180        |
| Alaska         | -            | 1            | 21             | 7            | 35             | 27           | 21           | 17           |
| Hawaii         | 3            | 10           | -              | -            | 118            | 242          | 120          | 190          |
| Guam           | -            | -            | -              | -            | -              | 24           | U            | U            |
| P.R.           | -            | -            | 45             | 51           | 169            | 316          | U            | U            |
| V.I.           | -            | U            | -              | U            | -              | U            | U            | U            |
| Amer. Samoa    | -            | U            | -              | U            | -              | U            | U            | U            |
| C.N.M.I.       | -            | U            | -              | U            | -              | U            | U            | U            |

N: Not notifiable.

U: Unavailable.

-: No reported cases.

\* Individual cases can be reported through both the National Electronic Telecommunications System for Surveillance (NETSS) and the Public Health Laboratory Information System (PHLIS).

**TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States, weeks ending August 5, 2000, and August 7, 1999 (31st Week)**

| Reporting Area | Shigellosis* |              |              |              | Syphilis<br>(Primary & Secondary) |              | Tuberculosis |              |
|----------------|--------------|--------------|--------------|--------------|-----------------------------------|--------------|--------------|--------------|
|                | NETSS        |              | PHLIS        |              | Cum.<br>2000                      | Cum.<br>1999 | Cum.<br>2000 | Cum.<br>1999 |
|                | Cum.<br>2000 | Cum.<br>1999 | Cum.<br>2000 | Cum.<br>1999 |                                   |              |              |              |
| UNITED STATES  | 10,388       | 8,422        | 5,310        | 4,927        | 3,463                             | 3,812        | 6,749        | 9,085        |
| NEW ENGLAND    | 222          | 313          | 177          | 285          | 47                                | 34           | 221          | 248          |
| Maine          | 6            | 4            | -            | -            | 1                                 | -            | 2            | 12           |
| N.H.           | 4            | 7            | 7            | 6            | 1                                 | 1            | 7            | 6            |
| Vt.            | 2            | 4            | -            | 3            | -                                 | 3            | 2            | 1            |
| Mass.          | 154          | 248          | 113          | 226          | 34                                | 20           | 137          | 139          |
| R.I.           | 19           | 14           | 20           | 10           | 4                                 | 1            | 24           | 26           |
| Conn.          | 37           | 36           | 37           | 40           | 7                                 | 9            | 49           | 64           |
| MID. ATLANTIC  | 1,259        | 573          | 751          | 380          | 160                               | 177          | 1,326        | 1,473        |
| Upstate N.Y.   | 487          | 146          | 162          | 38           | 8                                 | 12           | 151          | 169          |
| N.Y. City      | 507          | 197          | 378          | 138          | 66                                | 78           | 720          | 776          |
| N.J.           | 160          | 140          | 135          | 118          | 29                                | 40           | 321          | 325          |
| Pa.            | 105          | 90           | 76           | 86           | 57                                | 47           | 134          | 203          |
| E.N. CENTRAL   | 2,238        | 1,524        | 624          | 810          | 674                               | 715          | 733          | 915          |
| Ohio           | 181          | 290          | 96           | 78           | 44                                | 59           | 175          | 142          |
| Ind.           | 906          | 113          | 96           | 40           | 241                               | 239          | 47           | 77           |
| Ill.           | 541          | 614          | 2            | 466          | 177                               | 264          | 357          | 444          |
| Mich.          | 463          | 219          | 390          | 173          | 182                               | 129          | 101          | 191          |
| Wis.           | 147          | 288          | 40           | 53           | 30                                | 24           | 53           | 61           |
| W.N. CENTRAL   | 1,238        | 721          | 906          | 507          | 40                                | 91           | 260          | 292          |
| Minn.          | 359          | 144          | 328          | 177          | 4                                 | 9            | 88           | 115          |
| Iowa           | 314          | 15           | 201          | 15           | 10                                | 8            | 25           | 29           |
| Mo.            | 398          | 472          | 303          | 247          | 21                                | 59           | 100          | 105          |
| N. Dak.        | 4            | 2            | 4            | 2            | -                                 | -            | 2            | 2            |
| S. Dak.        | 4            | 10           | 3            | 6            | -                                 | -            | 11           | 9            |
| Nebr.          | 40           | 46           | 9            | 34           | 2                                 | 5            | 11           | 12           |
| Kans.          | 119          | 32           | 56           | 26           | 3                                 | 10           | 23           | 20           |
| S. ATLANTIC    | 1,555        | 1,362        | 442          | 340          | 1,155                             | 1,302        | 1,438        | 1,899        |
| Del.           | 10           | 9            | 9            | 4            | 5                                 | 6            | -            | 20           |
| Md.            | 99           | 88           | 35           | 26           | 163                               | 245          | 151          | 160          |
| D.C.           | 30           | 34           | U            | U            | 30                                | 33           | 13           | 33           |
| Va.            | 258          | 60           | 193          | 39           | 79                                | 98           | 136          | 149          |
| W. Va.         | 3            | 7            | 3            | 3            | 2                                 | 2            | 20           | 29           |
| N.C.           | 92           | 128          | 34           | 60           | 327                               | 294          | 172          | 239          |
| S.C.           | 68           | 78           | 57           | 39           | 119                               | 168          | 64           | 194          |
| Ga.            | 144          | 129          | 49           | 52           | 215                               | 261          | 303          | 372          |
| Fla.           | 851          | 828          | 62           | 117          | 215                               | 195          | 579          | 703          |
| E.S. CENTRAL   | 517          | 803          | 305          | 501          | 524                               | 685          | 439          | 577          |
| Ky.            | 153          | 164          | 51           | 113          | 57                                | 58           | 58           | 103          |
| Tenn.          | 232          | 500          | 240          | 344          | 317                               | 385          | 202          | 189          |
| Ala.           | 23           | 71           | 11           | 40           | 71                                | 138          | 179          | 177          |
| Miss.          | 109          | 68           | 3            | 4            | 79                                | 104          | -            | 108          |
| W.S. CENTRAL   | 1,123        | 1,460        | 1,441        | 597          | 491                               | 457          | 667          | 1,239        |
| Ark.           | 128          | 56           | 41           | 20           | 56                                | 39           | 109          | 92           |
| La.            | 80           | 127          | 109          | 59           | 123                               | 22           | 73           | U            |
| Okla.          | 69           | 369          | 23           | 117          | 79                                | 124          | 75           | 100          |
| Tex.           | 846          | 908          | 1,268        | 401          | 233                               | 272          | 410          | 1,047        |
| MOUNTAIN       | 590          | 454          | 279          | 303          | 128                               | 145          | 273          | 287          |
| Mont.          | 5            | 6            | -            | -            | -                                 | -            | 6            | 10           |
| Idaho          | 38           | 9            | -            | 6            | 1                                 | 1            | 5            | 12           |
| Wyo.           | 1            | 2            | 2            | 1            | 1                                 | -            | 1            | 1            |
| Colo.          | 94           | 81           | 52           | 63           | 3                                 | 1            | 37           | U            |
| N. Mex.        | 66           | 52           | 34           | 42           | 17                                | 6            | 29           | 41           |
| Ariz.          | 262          | 236          | 149          | 153          | 101                               | 131          | 127          | 137          |
| Utah           | 37           | 31           | 42           | 32           | 1                                 | 2            | 26           | 26           |
| Nev.           | 87           | 37           | -            | 6            | 4                                 | 4            | 42           | 60           |
| PACIFIC        | 1,646        | 1,212        | 385          | 1,204        | 244                               | 206          | 1,392        | 2,155        |
| Wash.          | 327          | 58           | 298          | 59           | 47                                | 46           | 163          | 146          |
| Oreg.          | 108          | 42           | 64           | 38           | 4                                 | 4            | 8            | 64           |
| Calif.         | 1,177        | 1,086        | -            | 1,084        | 192                               | 154          | 1,078        | 1,810        |
| Alaska         | 8            | -            | 3            | -            | -                                 | 1            | 60           | 35           |
| Hawaii         | 26           | 24           | 20           | 23           | 1                                 | 1            | 83           | 100          |
| Guam           | -            | 9            | U            | U            | -                                 | -            | -            | 39           |
| P.R.           | 3            | 69           | U            | U            | 79                                | 102          | -            | 126          |
| V.I.           | -            | U            | U            | U            | -                                 | U            | -            | U            |
| Amer. Samoa    | -            | U            | U            | U            | -                                 | U            | -            | U            |
| C.N.M.J.       | -            | U            | U            | U            | -                                 | U            | -            | U            |

N: Not notifiable.

U: Unavailable.

-: No reported cases.

\*Individual cases can be reported through both the National Electronic Telecommunications System for Surveillance (NETSS) and the Public Health Laboratory Information System (PHLIS).

\*Cumulative reports of provisional tuberculosis cases for 1999 are unavailable ("U") for some areas using the Tuberculosis Information System (TIMS).

**TABLE III. Provisional cases of selected notifiable diseases preventable by vaccination, United States, weeks ending August 5, 2000, and August 7, 1999 (31st Week)**

| Reporting Area | H. influenzae, Invasive   |              | Hepatitis (Viral), By Type |              |              |              | Measles (Rubeola) |              |              |              |              |              |
|----------------|---------------------------|--------------|----------------------------|--------------|--------------|--------------|-------------------|--------------|--------------|--------------|--------------|--------------|
|                |                           |              | A                          |              | B            |              | Indigenous        |              | Imported*    |              | Total        |              |
|                | Cum.<br>2000 <sup>t</sup> | Cum.<br>1999 | Cum.<br>2000               | Cum.<br>1999 | Cum.<br>2000 | Cum.<br>1999 | Cum.<br>2000      | Cum.<br>2000 | Cum.<br>2000 | Cum.<br>2000 | Cum.<br>2000 | Cum.<br>1999 |
| UNITED STATES  | 724                       | 753          | 6,545                      | 9,762        | 3,985        | 4,101        | 1                 | 34           | -            | 12           | 46           | 64           |
| NEW ENGLAND    | 51                        | 54           | 190                        | 153          | 41           | 94           | -                 | 2            | -            | 4            | 6            | 10           |
| Maine          | 1                         | 5            | 11                         | 5            | 5            | 1            | -                 | -            | -            | -            | -            | -            |
| N.H.           | 10                        | 10           | 17                         | 9            | 11           | 9            | -                 | 2            | -            | 1            | 3            | 1            |
| Vt.            | 4                         | 4            | 7                          | 3            | 6            | 2            | -                 | -            | -            | 3            | 3            | -            |
| Mass.          | 23                        | 22           | 71                         | 59           | 6            | 32           | -                 | -            | -            | -            | -            | 7            |
| R.I.           | 1                         | 1            | 15                         | 11           | 13           | 22           | -                 | -            | -            | -            | -            | -            |
| Conn.          | 12                        | 12           | 69                         | 66           | -            | 28           | -                 | -            | -            | -            | -            | 2            |
| MID. ATLANTIC  | 120                       | 134          | 636                        | 712          | 567          | 536          | -                 | 8            | -            | 1            | 9            | 5            |
| Upstate N.Y.   | 61                        | 56           | 127                        | 154          | 84           | 121          | -                 | 8            | -            | -            | 8            | -            |
| N.Y. City      | 26                        | 41           | 200                        | 201          | 251          | 159          | -                 | -            | -            | -            | -            | 3            |
| N.J.           | 25                        | 34           | 104                        | 86           | 83           | 77           | -                 | -            | -            | -            | -            | -            |
| Pa.            | 8                         | 3            | 205                        | 271          | 149          | 179          | -                 | -            | -            | 1            | 1            | -            |
| E.N. CENTRAL   | 100                       | 128          | 809                        | 1,850        | 418          | 439          | -                 | 7            | -            | -            | 7            | 2            |
| Ohio           | 39                        | 41           | 163                        | 421          | 72           | 59           | -                 | 2            | -            | -            | 2            | -            |
| Ind.           | 17                        | 20           | 46                         | 65           | 30           | 31           | -                 | -            | -            | -            | -            | 1            |
| Ill.           | 38                        | 55           | 301                        | 407          | 65           | 39           | -                 | 4            | -            | -            | 4            | -            |
| Mich.          | 6                         | 10           | 286                        | 906          | 249          | 285          | -                 | 1            | -            | -            | 1            | 1            |
| Wis.           | -                         | 2            | 13                         | 50           | 1            | 25           | -                 | -            | -            | -            | -            | -            |
| W. N. CENTRAL  | 35                        | 37           | 590                        | 457          | 533          | 167          | -                 | 1            | -            | 1            | 2            | -            |
| Minn.          | 20                        | 19           | 137                        | 46           | 21           | 30           | -                 | -            | -            | 1            | 1            | -            |
| Iowa           | -                         | 1            | 56                         | 86           | 26           | 26           | -                 | 1            | -            | -            | -            | -            |
| Mo.            | 8                         | 5            | 308                        | 270          | 446          | 92           | -                 | -            | -            | -            | -            | -            |
| N. Dak.        | 1                         | -            | 2                          | 1            | 2            | -            | -                 | -            | -            | -            | -            | -            |
| S. Dak.        | -                         | 2            | -                          | 8            | -            | 1            | -                 | -            | -            | -            | -            | -            |
| Nebr.          | 4                         | 4            | 20                         | 36           | 22           | 14           | -                 | -            | -            | -            | -            | -            |
| Kans.          | 2                         | 6            | 67                         | 11           | 16           | 4            | -                 | -            | -            | -            | -            | -            |
| S. ATLANTIC    | 197                       | 167          | 804                        | 1,100        | 737          | 643          | 1                 | 3            | -            | -            | 3            | 4            |
| Del.           | -                         | -            | -                          | 2            | -            | 1            | -                 | -            | -            | -            | -            | -            |
| Md.            | 52                        | 46           | 109                        | 201          | 74           | 94           | -                 | -            | -            | -            | -            | -            |
| D.C.           | -                         | 4            | 15                         | 37           | 19           | 14           | -                 | -            | -            | -            | -            | -            |
| Va.            | 29                        | 13           | 91                         | 99           | 93           | 58           | -                 | 2            | -            | -            | 2            | 3            |
| W. Va.         | 5                         | 6            | 48                         | 26           | 6            | 16           | -                 | -            | -            | -            | -            | -            |
| N.C.           | 18                        | 25           | 99                         | 89           | 154          | 142          | -                 | -            | -            | -            | -            | -            |
| S.C.           | 11                        | 3            | 33                         | 24           | 6            | 39           | -                 | -            | -            | -            | -            | -            |
| Ga.            | 52                        | 45           | 126                        | 301          | 121          | 86           | -                 | -            | -            | -            | -            | -            |
| Fla.           | 30                        | 25           | 283                        | 321          | 264          | 193          | 1                 | 1            | -            | -            | 1            | 1            |
| E.S. CENTRAL   | 35                        | 46           | 260                        | 260          | 284          | 291          | -                 | -            | -            | -            | -            | 2            |
| Ky.            | 12                        | 6            | 30                         | 53           | 53           | 25           | -                 | -            | -            | -            | -            | 2            |
| Tenn.          | 16                        | 24           | 96                         | 106          | 129          | 146          | -                 | -            | -            | -            | -            | -            |
| Ala.           | 6                         | 14           | 40                         | 38           | 34           | 55           | -                 | -            | -            | -            | -            | -            |
| Miss.          | 1                         | 2            | 94                         | 63           | 68           | 65           | -                 | -            | -            | -            | -            | -            |
| W.S. CENTRAL   | 38                        | 46           | 1,070                      | 1,899        | 397          | 678          | -                 | -            | -            | -            | -            | 6            |
| Ark.           | 1                         | 2            | 97                         | 28           | 65           | 47           | -                 | -            | -            | -            | -            | -            |
| La.            | 7                         | 11           | 28                         | 136          | 51           | 119          | -                 | -            | -            | -            | -            | -            |
| Okla.          | 28                        | 29           | 174                        | 347          | 92           | 90           | -                 | -            | -            | -            | -            | -            |
| Tex.           | 2                         | 4            | 771                        | 1,388        | 189          | 422          | -                 | -            | -            | -            | -            | 6            |
| MOUNTAIN       | 73                        | 64           | 548                        | 820          | 302          | 382          | -                 | 11           | -            | 1            | 12           | 1            |
| Mont.          | -                         | 1            | 3                          | 14           | 3            | 16           | U                 | -            | U            | -            | -            | -            |
| Idaho          | 3                         | 1            | 19                         | 29           | 6            | 21           | -                 | -            | -            | -            | -            | -            |
| Wyo.           | 1                         | 1            | 10                         | 4            | 2            | 9            | -                 | 1            | -            | 1            | 2            | -            |
| Colo.          | 11                        | 11           | 128                        | 155          | 55           | 57           | -                 | -            | -            | -            | -            | -            |
| N. Mex.        | 16                        | 17           | 50                         | 31           | 78           | 125          | -                 | -            | -            | -            | -            | -            |
| Ariz.          | 34                        | 28           | 267                        | 473          | 117          | 96           | -                 | -            | -            | -            | -            | 1            |
| Utah           | 7                         | 3            | 33                         | 31           | 14           | 22           | -                 | 3            | -            | -            | 3            | -            |
| Nev.           | 1                         | 2            | 38                         | 83           | 27           | 36           | -                 | 7            | -            | -            | 7            | -            |
| PACIFIC        | 75                        | 77           | 1,638                      | 2,511        | 706          | 871          | -                 | 2            | -            | 5            | 7            | 34           |
| Wash.          | 3                         | 3            | 170                        | 195          | 50           | 39           | -                 | -            | -            | -            | -            | 5            |
| Oreg.          | 19                        | 26           | 130                        | 163          | 61           | 66           | -                 | -            | -            | -            | -            | 12           |
| Calif.         | 27                        | 39           | 1,326                      | 2,132        | 582          | 743          | -                 | 1            | -            | 3            | 4            | 16           |
| Alaska         | 6                         | 5            | 9                          | 5            | 7            | 13           | -                 | 1            | -            | -            | 1            | -            |
| Hawaii         | 20                        | 4            | 3                          | 15           | 6            | 10           | -                 | -            | -            | 2            | 2            | 1            |
| Guam           | -                         | -            | -                          | 1            | -            | 2            | -                 | -            | -            | -            | -            | 1            |
| P.R.           | 1                         | 2            | 71                         | 198          | 79           | 141          | -                 | -            | -            | -            | -            | -            |
| V.I.           | -                         | U            | -                          | U            | -            | U            | U                 | -            | U            | U            | -            | U            |
| Amer. Samoa    | -                         | U            | -                          | U            | -            | U            | U                 | -            | U            | U            | -            | U            |
| C.N.M.I.       | -                         | U            | -                          | U            | -            | U            | U                 | -            | U            | U            | -            | U            |

N: Not notifiable.

U: Unavailable.

-: No reported cases.

\*For imported measles, cases include only those resulting from importation from other countries.

†Of 147 cases among children aged &lt;5 years, serotype was reported for 63 and of those, 16 were type b.

**TABLE III. (Cont'd) Provisional cases of selected notifiable diseases preventable by vaccination, United States, weeks ending August 5, 2000, and August 7, 1999 (31st Week)**

| Reporting Area | Meningococcal Disease |              | Mumps |              |              | Pertussis |              |              | Rubella |              |              |
|----------------|-----------------------|--------------|-------|--------------|--------------|-----------|--------------|--------------|---------|--------------|--------------|
|                | Cum.<br>2000          | Cum.<br>1999 | 2000  | Cum.<br>2000 | Cum.<br>1999 | 2000      | Cum.<br>2000 | Cum.<br>1999 | 2000    | Cum.<br>2000 | Cum.<br>1999 |
| UNITED STATES  | 1,380                 | 1,600        | 5     | 214          | 235          | 112       | 3,106        | 3,500        | -       | 78           | 182          |
| NEW ENGLAND    | 83                    | 77           | -     | 2            | 6            | 5         | 777          | 414          | -       | 6            | 7            |
| Maine          | 7                     | 5            | -     | -            | -            | -         | 14           | -            | -       | -            | -            |
| N.H.           | 9                     | 11           | -     | -            | 1            | -         | 74           | 65           | -       | 2            | -            |
| Vt.            | 2                     | 4            | -     | -            | 1            | 1         | 159          | 32           | -       | -            | -            |
| Mass.          | 50                    | 41           | -     | -            | 4            | 3         | 485          | 287          | -       | 3            | 7            |
| R.I.           | 6                     | 4            | -     | 1            | -            | 1         | 12           | 18           | -       | -            | -            |
| Conn.          | 9                     | 12           | -     | 1            | -            | -         | 33           | 12           | -       | 1            | -            |
| MID. ATLANTIC  | 133                   | 153          | 1     | 10           | 32           | 20        | 234          | 634          | -       | 2            | 25           |
| Upstate N.Y.   | 45                    | 41           | -     | 6            | 6            | 10        | 136          | 523          | -       | 2            | 17           |
| N.Y. City      | 29                    | 43           | -     | -            | 8            | -         | -            | 26           | -       | -            | 2            |
| N.J.           | 25                    | 36           | -     | -            | 1            | -         | -            | 15           | -       | -            | 3            |
| Pa.            | 34                    | 33           | 1     | 4            | 17           | 10        | 98           | 70           | -       | -            | 3            |
| E.N. CENTRAL   | 239                   | 281          | -     | 24           | 32           | 6         | 358          | 314          | -       | 1            | 2            |
| Ohio           | 58                    | 103          | -     | 7            | 10           | 1         | 195          | 136          | -       | -            | -            |
| Ind.           | 35                    | 37           | -     | -            | 3            | 2         | 40           | 32           | -       | -            | 1            |
| Ill.           | 60                    | 72           | -     | 5            | 9            | 3         | 33           | 66           | -       | 1            | 1            |
| Mich.          | 66                    | 43           | -     | 12           | 8            | -         | 41           | 26           | -       | -            | -            |
| Wis.           | 20                    | 26           | -     | -            | 2            | -         | 49           | 54           | -       | -            | -            |
| W.N. CENTRAL   | 119                   | 154          | -     | 14           | 9            | 4         | 187          | 143          | -       | -            | 99           |
| Minn.          | 14                    | 33           | -     | -            | 1            | -         | 89           | 40           | -       | -            | -            |
| Iowa           | 21                    | 29           | -     | -            | 5            | 4         | 30           | 28           | -       | -            | 29           |
| Mo.            | 67                    | 55           | -     | -            | 5            | 1         | 36           | 42           | -       | -            | 2            |
| N. Dak.        | 2                     | 3            | -     | -            | -            | -         | 1            | 2            | -       | -            | -            |
| S. Dak.        | 5                     | 10           | -     | -            | -            | -         | -            | 3            | -       | -            | 68           |
| Nebr.          | 5                     | 8            | -     | -            | 2            | -         | 1            | 5            | -       | -            | -            |
| Kans.          | 5                     | 16           | -     | -            | 2            | 3         | 22           | 26           | -       | -            | -            |
| S. ATLANTIC    | 229                   | 259          | 1     | 34           | 35           | 6         | 252          | 225          | -       | 51           | 22           |
| Del.           | -                     | 5            | -     | -            | -            | 1         | 7            | 1            | -       | -            | -            |
| Md.            | 21                    | 40           | -     | 7            | 3            | 2         | 67           | 76           | -       | -            | 1            |
| D.C.           | -                     | 3            | -     | -            | 2            | -         | 2            | -            | -       | -            | -            |
| Va.            | 34                    | 32           | -     | 5            | 8            | 3         | 36           | 15           | -       | -            | -            |
| W. Va.         | 10                    | 4            | -     | -            | -            | -         | 1            | 1            | -       | -            | -            |
| N.C.           | 31                    | 30           | -     | -            | 5            | 8         | -            | 51           | 61      | -            | 42           |
| S.C.           | 16                    | 31           | 1     | 11           | 3            | -         | 20           | 8            | -       | 7            | 21           |
| Ga.            | 37                    | 47           | -     | 2            | 1            | -         | 21           | 20           | -       | -            | -            |
| Fla.           | 80                    | 67           | -     | 4            | 10           | -         | 47           | 43           | -       | 2            | -            |
| E.S. CENTRAL   | 99                    | 115          | -     | 6            | 10           | -         | 58           | 61           | -       | 4            | 2            |
| Ky.            | 21                    | 21           | -     | -            | -            | -         | 25           | 17           | -       | 1            | -            |
| Tenn.          | 40                    | 46           | -     | 2            | -            | -         | 19           | 27           | -       | -            | -            |
| Ala.           | 28                    | 30           | -     | 2            | 7            | -         | 13           | 14           | -       | 3            | 2            |
| Miss.          | 10                    | 19           | -     | 2            | 3            | -         | 1            | 3            | -       | -            | -            |
| W.S. CENTRAL   | 96                    | 176          | 1     | 22           | 31           | 23        | 155          | 109          | -       | 4            | 6            |
| Ark.           | 11                    | 29           | -     | 2            | 15           | 15        | 26           | 12           | -       | -            | -            |
| La.            | 27                    | 53           | -     | 3            | 7            | -         | 3            | 6            | -       | -            | -            |
| Okla.          | 21                    | 26           | -     | -            | 1            | -         | 6            | 13           | -       | -            | -            |
| Tex.           | 37                    | 68           | 1     | 17           | 23           | 8         | 120          | 78           | -       | 4            | 6            |
| MOUNTAIN       | 85                    | 97           | -     | 15           | 10           | 7         | 462          | 416          | -       | 2            | 15           |
| Mont.          | 4                     | 2            | U     | 1            | -            | U         | 12           | 2            | -       | -            | -            |
| Idaho          | 6                     | 8            | -     | -            | 1            | 1         | 44           | 107          | -       | -            | -            |
| Wyo.           | -                     | 3            | -     | 1            | -            | -         | 2            | 2            | -       | -            | -            |
| Colo.          | 25                    | 24           | -     | 1            | 3            | 5         | 252          | 152          | -       | 1            | -            |
| N. Mex.        | 7                     | 13           | -     | 1            | N            | 1         | 84           | 49           | -       | -            | -            |
| Ariz.          | 34                    | 29           | -     | 3            | -            | -         | 47           | 60           | -       | 1            | 13           |
| Utah           | 6                     | 12           | -     | 4            | 3            | -         | 12           | 41           | -       | 1            | -            |
| Nev.           | 3                     | 6            | -     | 4            | 3            | -         | 9            | 3            | -       | -            | 1            |
| PACIFIC        | 297                   | 288          | 2     | 87           | 70           | 41        | 623          | 1,184        | -       | 8            | 4            |
| Wash.          | 36                    | 47           | 1     | 5            | 2            | 15        | 207          | 526          | -       | -            | -            |
| Oreg.          | 43                    | 53           | N     | N            | N            | 8         | 74           | 23           | -       | -            | -            |
| Calif.         | 205                   | 176          | -     | 88           | 60           | 13        | 301          | 606          | -       | 8            | 4            |
| Alaska         | 5                     | 6            | 1     | 7            | 1            | 5         | 19           | 4            | -       | -            | -            |
| Hawaii         | 8                     | 6            | -     | 7            | 7            | -         | 22           | 25           | -       | -            | -            |
| Guam           | -                     | 1            | -     | -            | 1            | -         | -            | 1            | -       | -            | -            |
| P.R.           | 5                     | 9            | -     | -            | -            | -         | 1            | 15           | -       | -            | -            |
| V.I.           | -                     | U            | U     | -            | U            | U         | -            | U            | U       | -            | U            |
| Amer. Samoa    | -                     | U            | U     | -            | U            | U         | -            | U            | U       | -            | U            |
| C.N.M.I.       | -                     | U            | U     | -            | U            | U         | -            | U            | U       | -            | U            |

N: Not notifiable.

U: Unavailable.

-: No reported cases.

**TABLE IV. Deaths in 122 U.S. cities,\* week ending August 5, 2000 (31st Week)**

| Reporting Area               | All Causes, By Age (Years) |       |       |       |      | P&I<br>Total | Reporting Area | All Causes, By Age (Years) |                     |       |       |      | P&I<br>Total |     |     |
|------------------------------|----------------------------|-------|-------|-------|------|--------------|----------------|----------------------------|---------------------|-------|-------|------|--------------|-----|-----|
|                              | All<br>Ages                | 65    | 45-64 | 25-44 | 1-24 |              |                | All<br>Ages                | 65                  | 45-64 | 25-44 | 1-24 |              |     |     |
| NEW ENGLAND                  | 451                        | 331   | 81    | 18    | 13   | 8            | 33             | S. ATLANTIC                | 1,010               | 661   | 208   | 92   | 27           | 22  | 50  |
| Boston, Mass.                | 142                        | 91    | 31    | 10    | 4    | 6            | 7              | Atlanta, Ga.               | U                   | U     | U     | U    | 5            | 3   | 9   |
| Bridgeport, Conn.            | 22                         | 16    | 4     | 1     | 1    | -            | -              | Baltimore, Md.             | 160                 | 102   | 33    | 17   | 5            | 3   | 9   |
| Cambridge, Mass.             | 9                          | 6     | 2     | 1     | -    | -            | -              | Charlotte, N.C.            | 76                  | 49    | 13    | 7    | 4            | 3   | 6   |
| Fall River, Mass.            | 29                         | 25    | 3     | 1     | -    | -            | -              | Jacksonville, Fla.         | 117                 | 80    | 23    | 8    | 1            | 5   | 6   |
| Hartford, Conn.              | 45                         | 33    | 9     | 1     | 1    | 1            | 1              | Miami, Fla.                | 100                 | 64    | 23    | 10   | 2            | 1   | 5   |
| Lowell, Mass.                | 18                         | 16    | 1     | -     | 1    | -            | -              | Norfolk, Va.               | 47                  | 37    | 7     | 2    | 1            | -   | 4   |
| Lynn, Mass.                  | 10                         | 9     | 1     | -     | -    | -            | -              | Richmond, Va.              | 78                  | 46    | 21    | 10   | 1            | 1   | 6   |
| New Bedford, Mass.           | 21                         | 18    | 2     | -     | 1    | -            | -              | Savannah, Ga.              | 49                  | 37    | 10    | -    | -            | -   | 1   |
| New Haven, Conn.             | 38                         | 28    | 6     | 2     | 1    | 1            | 1              | St. Petersburg, Fla.       | 50                  | 39    | 5     | 4    | 1            | 1   | 2   |
| Providence, R.I.             | U                          | U     | U     | U     | U    | U            | U              | Tampa, Fla.                | 207                 | 139   | 40    | 17   | 6            | 5   | 7   |
| Somerville, Mass.            | 4                          | 2     | 2     | -     | -    | -            | -              | Washington, D.C.           | 101                 | 52    | 29    | 13   | 4            | 3   | 4   |
| Springfield, Mass.           | 27                         | 19    | 5     | 1     | 2    | -            | -              | Wilmington, Del.           | 25                  | 17    | 4     | 4    | -            | -   | -   |
| Waterbury, Conn.             | 37                         | 30    | 7     | -     | -    | -            | -              | E. S. CENTRAL              | 812                 | 525   | 177   | 60   | 25           | 25  | 71  |
| Worcester, Mass.             | 49                         | 38    | 8     | 1     | 2    | -            | -              | Birmingham, Ala.           | 170                 | 121   | 25    | 17   | 2            | 5   | 20  |
| MID. ATLANTIC                | 2,049                      | 1,429 | 387   | 168   | 35   | 30           | 113            | Chattanooga, Tenn.         | 68                  | 36    | 18    | 3    | 2            | 7   | 3   |
| Albany, N.Y.                 | 42                         | 26    | 9     | 4     | 1    | -            | -              | Knoxville, Tenn.           | 84                  | 56    | 22    | 3    | 3            | -   | 7   |
| Allentown, Pa.               | U                          | U     | U     | U     | U    | U            | U              | Lexington, Ky.             | 50                  | 33    | 11    | 3    | 2            | 1   | 5   |
| Buffalo, N.Y.                | 69                         | 61    | 20    | 5     | 2    | 1            | 13             | Memphis, Tenn.             | 174                 | 120   | 35    | 11   | 5            | 3   | 13  |
| Camden, N.J.                 | 32                         | 20    | 5     | 4     | 2    | 1            | 1              | Mobile, Ala.               | 67                  | 54    | 20    | 7    | 4            | 3   | 2   |
| Elizabeth, N.J.              | 18                         | 14    | 2     | 2     | -    | -            | -              | Montgomery, Ala.           | 44                  | 25    | 14    | 1    | 4            | -   | 9   |
| Erie, Pa.                    | 34                         | 25    | 6     | 2     | 1    | -            | -              | Nashville, Tenn.           | 135                 | 78    | 32    | 15   | 5            | 9   | 5   |
| Jersey City, N.J.            | 36                         | 27    | 4     | 3     | -    | 2            | -              | W. S. CENTRAL              | 1,469               | 915   | 304   | 152  | 58           | 37  | 89  |
| New York City, N.Y.          | 987                        | 682   | 188   | 85    | 17   | 15           | 40             | Austin, Tex.               | 91                  | 59    | 19    | 8    | 1            | 4   | 4   |
| Newark, N.J.                 | 56                         | 29    | 11    | 11    | 4    | 2            | 3              | Baton Rouge, La.           | 46                  | 33    | 11    | -    | -            | -   | 2   |
| Paterson, N.J.               | 11                         | 6     | 1     | 4     | -    | -            | -              | Corpus Christi, Tex.       | 49                  | 33    | 8     | 4    | -            | 4   | 5   |
| Philadelphia, Pa.            | 397                        | 265   | 88    | 34    | 4    | 6            | 24             | Dallas, Tex.               | 213                 | 127   | 51    | 19   | 7            | 9   | 9   |
| Pittsburgh, Pa. <sup>§</sup> | 43                         | 31    | 9     | 3     | -    | -            | -              | El Paso, Tex.              | 93                  | 62    | 19    | 9    | 1            | 2   | 4   |
| Reading, Pa.                 | 20                         | 16    | 3     | 1     | -    | -            | -              | Ft. Worth, Tex.            | 78                  | 54    | 15    | 4    | 1            | 1   | 7   |
| Rochester, N.Y.              | 118                        | 101   | 13    | 2     | 1    | 1            | 8              | Houston, Tex.              | 382                 | 212   | 94    | 58   | 13           | 5   | 23  |
| Schenectady, N.Y.            | 18                         | 14    | 3     | -     | -    | -            | -              | Little Rock, Ark.          | 64                  | 46    | 9     | 2    | 2            | 5   | 3   |
| Scranton, Pa. <sup>§</sup>   | 22                         | 19    | 3     | -     | -    | -            | -              | New Orleans, La.           | 97                  | 49    | 9     | 17   | 18           | 1   | 8   |
| Syracuse, N.Y.               | 82                         | 63    | 14    | 3     | 1    | 1            | 10             | San Antonio, Tex.          | 183                 | 116   | 40    | 17   | 8            | 2   | 8   |
| Trenton, N.J.                | 26                         | 15    | 5     | 3     | 2    | 1            | 2              | Shreveport, La.            | 56                  | 39    | 11    | 4    | 2            | 2   | 7   |
| Utica, N.Y.                  | 18                         | 14    | 2     | 2     | -    | -            | -              | Tulsa, Okla.               | 117                 | 85    | 18    | 10   | 2            | 2   | 11  |
| Yonkers, N.Y.                | U                          | U     | U     | U     | U    | U            | U              | MOUNTAIN                   | 930                 | 625   | 170   | 78   | 16           | 24  | 49  |
| E. N. CENTRAL                | 1,819                      | 1,225 | 363   | 138   | 46   | 47           | 126            | Albuquerque, N.M.          | 111                 | 77    | 21    | 8    | 2            | 3   | 1   |
| Akron, Ohio                  | 53                         | 37    | 8     | 4     | 1    | 3            | 1              | Boise, Idaho               | 48                  | 38    | 4     | 3    | -            | -   | 3   |
| Canton, Ohio                 | 38                         | 30    | 5     | 2     | 1    | -            | -              | Colo. Springs, Colo.       | 38                  | 17    | 1     | 1    | 2            | 2   | 3   |
| Chicago, Ill.                | 387                        | 233   | 98    | 41    | 13   | 11           | 36             | Denver, Colo.              | 99                  | 63    | 18    | 6    | 1            | 1   | 6   |
| Cincinnati, Ohio             | 74                         | 50    | 20    | 3     | 1    | -            | -              | Las Vegas, Nev.            | 192                 | 124   | 47    | 21   | 1            | 1   | 3   |
| Cleveland, Ohio              | 137                        | 87    | 32    | 7     | 7    | 4            | 3              | Ogden, Utah                | 27                  | 15    | 6     | 5    | 1            | -   | 4   |
| Columbus, Ohio               | 187                        | 127   | 38    | 15    | 5    | 5            | 11             | Phoenix, Ariz.             | 169                 | 104   | 34    | 19   | 5            | 7   | 6   |
| Dayton, Ohio                 | 119                        | 87    | 19    | 11    | 2    | -            | -              | Pueblo, Colo.              | 30                  | 25    | 5     | -    | -            | 2   | 2   |
| Detroit, Mich.               | 166                        | 100   | 36    | 23    | 5    | 2            | 11             | Salt Lake City, Utah       | 132                 | 90    | 24    | 10   | 4            | 8   | 4   |
| Evansville, Ind.             | 34                         | 30    | 2     | 2     | -    | -            | -              | Tucson, Ariz.              | 89                  | 72    | 10    | 5    | 2            | -   | 2   |
| Fort Wayne, Ind.             | 56                         | 43    | 10    | 1     | 1    | 1            | 1              | PACIFIC                    | 1,391               | 941   | 275   | 110  | 35           | 25  | 104 |
| Gary, Ind.                   | 16                         | 8     | 6     | 2     | -    | -            | -              | Berkeley, Calif.           | 20                  | 15    | 4     | 1    | -            | -   | 1   |
| Grand Rapids, Mich.          | 35                         | 30    | 2     | 2     | -    | -            | -              | Fresno, Calif.             | 123                 | 87    | 22    | 9    | 4            | 1   | 8   |
| Indianapolis, Ind.           | 169                        | 114   | 38    | 5     | 4    | 8            | 18             | Glendale, Calif.           | 24                  | 19    | 4     | -    | 1            | 1   | 3   |
| Lansing, Mich.               | 34                         | 26    | 3     | 2     | -    | 1            | 4              | Honolulu, Hawaii           | 72                  | 52    | 12    | 4    | 1            | 3   | 6   |
| Milwaukee, Wis.              | 123                        | 95    | 21    | 8     | 2    | 6            | 13             | Long Beach, Calif.         | 76                  | 56    | 13    | 5    | -            | 1   | 5   |
| Peoria, Ill.                 | 24                         | 20    | 2     | 1     | -    | -            | -              | Los Angeles, Calif.        | 270                 | 182   | 51    | 22   | 8            | 7   | 20  |
| Rockford, Ill.               | 60                         | 45    | 10    | 2     | 1    | 2            | 2              | Pasadena, Calif.           | 26                  | 19    | 5     | 1    | -            | 1   | 3   |
| South Bend, Ind.             | 57                         | 40    | 4     | 7     | 4    | 2            | 1              | Portland, Oreg.            | 120                 | 77    | 25    | 8    | 4            | 5   | 7   |
| Toledo, Ohio                 | U                          | U     | U     | U     | U    | U            | U              | Sacramento, Calif.         | 157                 | 113   | 26    | 11   | 5            | 2   | 13  |
| Youngstown, Ohio             | 50                         | 40    | 9     | -     | -    | 1            | 1              | San Diego, Calif.          | 181                 | 120   | 34    | 17   | 6            | 3   | 14  |
| W.N. CENTRAL                 | 760                        | 529   | 150   | 45    | 17   | 18           | 43             | San Francisco, Calif.      | U                   | U     | U     | U    | U            | U   | U   |
| Des Moines, Iowa             | 96                         | 69    | 14    | 6     | 4    | 2            | 11             | San Jose, Calif.           | U                   | U     | U     | U    | U            | U   | U   |
| Duluth, Minn.                | 26                         | 21    | 3     | 2     | -    | -            | -              | Santa Cruz, Calif.         | 22                  | 12    | 8     | 2    | -            | -   | 1   |
| Kansas City, Kan.            | 20                         | 13    | 3     | 3     | 1    | -            | -              | Seattle, Wash.             | 154                 | 78    | 50    | 22   | 3            | 1   | 4   |
| Kansas City, Mo.             | 83                         | 50    | 16    | 8     | 4    | 4            | 3              | Spokane, Wash.             | 68                  | 52    | 10    | 4    | 1            | 1   | 4   |
| Lincoln, Nebr.               | 29                         | 21    | 8     | -     | -    | -            | -              | Tacoma, Wash.              | 76                  | 59    | 11    | 4    | 2            | -   | 4   |
| Minneapolis, Minn.           | 186                        | 131   | 39    | 10    | 4    | 2            | 14             | TOTAL                      | 10,691 <sup>1</sup> | 7,181 | 2,115 | 861  | 271          | 236 | 678 |
| Omaha, Nebr.                 | 72                         | 50    | 14    | 4     | 1    | 3            | 2              |                            |                     |       |       |      |              |     |     |
| St. Louis, Mo.               | 99                         | 65    | 21    | 6     | 1    | 6            | 3              |                            |                     |       |       |      |              |     |     |
| St. Paul, Minn.              | 88                         | 65    | 18    | 4     | -    | -            | -              |                            |                     |       |       |      |              |     |     |
| Wichita, Kans.               | 62                         | 44    | 14    | 2     | 1    | 1            | 3              |                            |                     |       |       |      |              |     |     |

U: Unavailable. - No reported cases.

\*Mortality data in this table are voluntarily reported from 122 cities in the United States, most of which have populations of  $\geq 100,000$ . A death is reported by the place of its occurrence and by the week that the death certificate was filed. Fetal deaths are not included.

'Pneumonia and influenza.  
Because of changes in reso-

<sup>1</sup>Because of changes in reporting methods in this Pennsylvania city, these numbers are partial counts for the current week. Complete counts will be available in 4 to 6 weeks.  
<sup>2</sup>Total includes unknown ages.

<sup>1</sup>Total includes unknown ages.

*Notices to Readers — Continued*

- An optimal level of excise taxation on tobacco products will reduce the prevalence of smoking, the consumption of tobacco, and the long-term health consequences of tobacco use.
- 5. The impact of these various efforts, as measured with a variety of techniques, is likely to be underestimated because of the synergistic effect of these modalities. The potential for combined effects underscores the need for comprehensive approaches.
- 6. State tobacco control programs, funded by excise taxes on tobacco products and settlements with the tobacco industry, have produced early, encouraging evidence of the efficacy of the comprehensive approach to reducing tobacco use.

Additional information about the report or a free copy of the executive summary is available from CDC's Office on Smoking and Health, National Center for Chronic Disease Prevention and Health Promotion, CDC, Mailstop K-50, 4770 Buford Highway, NE, Atlanta, Georgia 30341-3724; telephone (770) 488-5705. Copies of the full report (stock no. 017-001-00544-4) can be purchased for \$43 from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402-9328; fax (202) 512-1650. The executive summary of the report will be published as an *MMWR Recommendations and Reports*. Copies of the full report, the executive summary, and At A Glance also may be downloaded from CDC's World-Wide Web site, <http://www.cdc.gov/tobacco>.

*Reference*

1. US Department of Health and Human Services. Reducing tobacco use: a report of the Surgeon General. Atlanta, Georgia: US Department of Health and Human Services, CDC, National Center for Chronic Disease Prevention and Health Promotion, Office on Smoking and Health, 2000.

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